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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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December 19, 1991

TO: Minerals File

FROM: Tony Gallegos, Reclamation Engineer *dag*

RE: Site Inspection, Sunshine Mining Company, Burgin Project Mine,  
M/049/009, Utah County, Utah

Date of Inspection: December 18, 1991

Time of Inspection: 1345 -1530

Conditions: Unsettled, stormy

Participants: Glenn Mellor, Sunshine Mining Company; Wayne Hedberg,  
Holland Shepherd, Tony Gallegos, DOGM

Sunshine Mining Company (SMC) currently has a clay pit operation acting under an exploration NOI. Under this notice SMC has been removing material from existing waste dumps and sampling the old pit area. The project has proven to be a worthwhile investment and SMC wishes to amend their current LMO Permit to include the clay operation. The purpose of this inspection was to evaluate the Zuma Clay Pit areas and the currently bonded yet undisturbed areas which SMC wishes to "exchange" as bonding for the Zuma areas.

The Hunter Shaft area was visited first. SMC had proposed the construction of a new shaft with a waste dump, pad area, etc., encompassing approximately 10 acres of disturbance. Glenn informed us that SMC will not be pursuing this development in the near future. No disturbance exists at the proposed shaft site other than an old existing road which passes through the area. A recently reclaimed exploration site immediately adjacent to the road was viewed on route to the shaft area.

The Zuma Pit area was visited next. A new road was cut to the pit area to allow safer truck traffic for haulage. The main dump, adjacent to the north highwall of the pit, has almost been entirely removed at this time. A small portion of the dump west of the pit area has also been removed. This west dump is currently in the

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original drainage channel. One of the variances requested by SMC involves construction of an alternate drainage channel. This area was examined and the recommendation of routing the drainage temporarily around the dump was made. The temporary channel will parallel the northwest side of the access road, and a water bar will be constructed between the pit and dump to provide a channel across the staging area. This will prevent erosion of the dump and prevent moisture buildup in the clay which can cause stability and operational problems. When the dump has been removed, the drainage should be returned to the original location.

The tailings pond area was visited next. This area is east of some existing tailings ponds. The existing ponds are completely devoid of any vegetation and have been abandoned for approximately 10 years. In the area of the proposed ponds are several earthen dikes. The dikes are vegetated and no recent disturbance is evident in the area. SMC had proposed the construction of several small tailings ponds encompassing approximately 10 acres. No work has been performed on these ponds to date.

The inspection ended with the understanding that the Division would document this site inspection with a memo and continue to process SMC's proposal. Glenn indicated that he was working on some additional drawings of the pit configuration and dumps, which he would be submitting sometime soon.

jb  
cc: Glenn Mellor  
Lowell Braxton  
M049009